SECTION 09721

PRESENTATION DRY ERASE WALLCOVERING

PART 1 – GENERAL

1.01 SUMMARY

A. Division Includes:

1. Dry Erase Wallcovering.
2. Tray, Trim, and Presentation Rails.
3. Accessories.

B. Related Divisions:

1. Division 09260 Gypsum Board Assemblies:Wall substrate.
2. Division 09900 Paints and Coatings: Priming for vinyl wall coverings.
3. Division 09720 Wall Covering.

1.02 REFERENCES

A. ASTM E84; **2004**: Test Method for Surface Burning Characteristics of Building Materials.

B. Gypsum Association GA-14-M-97: Recommended Levels of Gypsum Board Finish.

1.03 SUBMITTALS

A. Manufacturer's product data and installation instructions for each type of dry erase wallcovering, adhesive, and accessories required.

B. Manufacturer's written product data indicating compliance with specified materials required.

C. Manufacturer's written installation instructions.

D. Manufacturer's written instructions for recommended maintenance of each type of dry erase wallcovering required.

E. Samples:

1. 7 x 9 inch (18 x 23 centimeter) samples of each dry erase material required.
2. 6 inch (15 centimeter) samples of trim, tray, and end caps required.

1.04 QUALITY ASSURANCE

A. Manufacturer: Provide each type of dry erase wallcovering required produced by one manufacturer.

B. Installer: Installation by skilled commercial wallcovering contractor approved by the manufacturer.

C. Composition:

1. Provide non-woven, pigmented white vinyl, capped with dry erase low gloss film.

D. **<u>Flame Spread/Smoke Developed</u>** Classification: Provide materials that meet Class A rating when tested in accordance with ASTM E84 for flame spread and smoke developed.
   1. **<u>Maximum flame spread: 25</u>**
   2. **<u>Maximum smoke developed: 450</u>**

1.05 PRODUCT DELIVERY, STORAGE, AND HANDLING

A. Deliver presentation wallcoverings to the project site in unbroken and undamaged original

B. factory packaging and clearly labeled with the manufacturer's identification label, quality or grade, and lot number.

C. Store materials in a clean, dry storage area with temperature maintained above 55° F (13° C) with normal humidity.

D. Store material within original packaging to prevent damage.

1.06 PROJECT CONDITIONS

A. Do not apply presentation wallcoverings when surface and ambient temperatures are outside the temperature ranges required by the wallcovering manufacturer.

B. Provide continuous ventilation and heating facilities to maintain substrate surface and ambient temperatures above 55° F (13° C) unless required otherwise by manufacturer's instructions.

C. Apply adhesive when substrate surface temperature and ambient temperature is above 55° F (13° C) and relative humidity is below forty percent.

D. Maintain constant recommended temperature and humidity for at least seventy-two hours prior to and throughout the installation period, and for seventy-two hours after wallcovering installation completion.

E. Provide not less than 80-foot-candles per square foot lighting level measured mid-height at substrate surfaces.

1.07 WARRANTY

A. Submit manufacturer's limited five-year written warranty against manufacturing defects.

1.08 MAINTENANCE

A. Maintenance instructions: Include precautions against cleaning materials and methods that may be detrimental to finishes and performance.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

A. Walltalkers Wallcoverings: www.walltalkers.com

B. Speak Easy Dry Erase Wallcoverings: www.speakeasydryerase.com

C. MarkaWall: www.markawall.com

2.02 MATERIALS

A. Smooth low gloss vinyl surface for projection and dry erase markers.

1. 49/50 inch (124/127 centimeter) width, 18 ounce per square yard (.61 kilogram per square meter), non-woven backing, white.

2.03 TRIM, TRAY, AND PRESENTATION RAILS

A. Aluminum Tray:

1. Clear satin, anodized aluminum, snap-on marker and eraser tray with clips. Tray is to extend within 1'-0" of side walls. Use longest lengths available.

B. End Caps:

1. ET03-00: 1/2 inch (13 millimeter) anodized tray end cap set for marker and eraser tray.

2.04 ACCESSORIES

A. Adhesives: Heavy-duty clear or clay based premixed vinyl adhesive.

B. Substrate Primer/Sealer: White pigmented acrylic base primer/sealer specificall formulated for use with vinyl wallcoverings.

C. Presentation Starter Kit: Provide one starter kit containing eight dry erase Markers (minimum 4 colors), two erasers, ten cleaning towels, and one 8 ounce (.23 kilogram) bottle liquid surface cleaning solution for each room installed with dry erase wallcovering.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine substrates and installation conditions to ensure surface conditions meet or exceed a Level 4 finish, per GA-214-M-97: Recommended Levels of Gypsum Board Finish, and permanent lighting should be installed and operational.

B. Test substrate with a suitable moisture meter and verify that moisture content does not exceed four percent.

C. Verify substrate surface is clean, dry, smooth, structurally sound, and free from surface defects and imperfections that would show through the finished surface.

D. Evaluate all painted surfaces for the possibility of pigment bleed-through.

E. Notify the contractor and architect in writing of any conditions detrimental to the proper and timely completion of the installation.

F. Beginning of installation means acceptance of surface conditions.

3.02 INSTALLATION

A. Acclimate wallcovering in the area of installation a minimum of twenty-four hours before installation.

B. Read and follow the manufacturer's installation instruction sheet contained in each roll of the dry erase wallcovering.

C. Examine all materials for pattern, color, quantity and quality, as specified for the correct location prior to cutting.

D. Adhesive: Apply a uniform coat of heavy-duty pre-mixed clay-based or extra strength clear wallcovering adhesive.

E. Primer: Use a quality pigmented acrylic wallcovering primer.

F. Install each strip horizontally and in the same sequence as cut from the roll.

G. Install dry erase wallcovering sheets in exact order as they are cut from bolt. Reverse hang alternate strips (except lined products). Do not crease or bend the wallcovering when handling.

H. Install dry erase wallcovering horizontally using a level line.

I. Using a level or straight edge, double cut the seam with a seam-cutting tool (Ex: Double Seam-Cutter or Swedish Knife). Do not score drywall or plasterboard when cutting material.

J. When covering the entire wall, seam the material out of the main writing and viewing areas of the wall.

K. Apply wallcovering to the substrate using a wallcovering smoother, wrapped with a soft cloth, to remove air bubbles. Do not use sharp edged smoothing tools. Smooth material on the wall from the middle to the outside edge.

L. Remove excess adhesive immediately after the wallcovering is applied. Clean entire surface with a warm mild soap solution, and clean soft cloths. Rinse thoroughly with water and let dry before using. Change water often to maintain water clarity.

M. Stop installation of material that is questionable in appearance and notify the manufacturer's representative for an inspection.

3.03 CLEAN-UP

A. Upon completion of installation, remove all exposed adhesive immediately using a soft cloth and a warm, mild soap solution and rinse thoroughly with water and dry with clean towel prior to using.

B. Upon completion of the work, remove surplus materials, rubbish, and debris resulting from the wallcovering installation. Leave areas in neat, clean, and orderly condition.

END OF SECTION